

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061818\
 Data File : VF059189.D
 Acq On : 18 Jun 2018 21:30
 Operator : VA/AP
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 04:29:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	50.000	50.000	0.0	45	-0.01
2 T	Dichlorodifluoromethane	50.000	44.157	11.7	41	0.00
3 P	Chloromethane	50.000	41.441	17.1	37	0.00
4 C	Vinyl Chloride	50.000	47.157	5.7#	42	-0.01
5 T	Bromomethane	50.000	55.845	-11.7	52	-0.01
6 T	Chloroethane	50.000	57.007	-14.0	49	-0.01
7 T	Trichlorofluoromethane	50.000	49.217	1.6	41	0.00
8 T	Diethyl Ether	50.000	57.474	-14.9	52	0.00
9 T	1,1,2-Trichlorotrifluoroeth	50.000	51.656	-3.3	46	0.00
10 T	Methyl Iodide	50.000	56.746	-13.5	50	-0.01
11 T	Tert butyl alcohol	250.000	319.188	-27.7#	61	0.00
12 CM	1,1-Dichloroethene	50.000	54.336	-8.7#	47	-0.01
13 T	Acrolein	250.000	281.496	-12.6	59	0.00
14 T	Allyl chloride	50.000	54.958	-9.9	51	0.00
15 T	Acrylonitrile	250.000	322.465	-29.0#	53	-0.01
16 T	Acetone	250.000	317.564	-27.0#	58	0.00
17 T	Carbon Disulfide	50.000	50.139	-0.3	44	0.00
18 T	Methyl Acetate	50.000	77.302	-54.6#	74	0.00
19 T	Methyl tert-butyl Ether	50.000	60.997	-22.0	55	0.00
20 T	Methylene Chloride	50.000	60.645	-21.3	57	0.00
21 T	trans-1,2-Dichloroethene	50.000	52.472	-4.9	48	-0.01
22 T	Diisopropyl ether	50.000	59.088	-18.2	56	0.00
23 T	Vinyl Acetate	250.000	297.780	-19.1	53	-0.01
24 P	1,1-Dichloroethane	50.000	56.780	-13.6	53	0.00
25 T	2-Butanone	250.000	278.241	-11.3	54	0.00
26 T	2,2-Dichloropropane	50.000	60.984	-22.0	55	0.00
27 T	cis-1,2-Dichloroethene	50.000	53.035	-6.1	47	0.00
28 T	Bromochloromethane	50.000	50.084	-0.2	49	-0.01
29	Tetrahydrofuran	250.000	286.979	-14.8	53	0.00
30 C	Chloroform	50.000	55.401	-10.8#	49	0.00
31 T	Cyclohexane	50.000	46.962	6.1	43	-0.01
32 T	1,1,1-Trichloroethane	50.000	57.603	-15.2	51	-0.01
33 S	1,2-Dichloroethane-d4	50.000	56.526	-13.1	51	-0.01
34 I	1,4-Difluorobenzene	50.000	50.000	0.0	46	-0.01
35 S	Dibromofluoromethane	50.000	56.346	-12.7	48	-0.01
36 T	1,1-Dichloropropene	50.000	52.872	-5.7	46	0.00
37 T	Ethyl Acetate	50.000	63.233	-26.5#	60	-0.01
38 T	Carbon Tetrachloride	50.000	56.471	-12.9	48	-0.01
39 T	Methylcyclohexane	50.000	51.127	-2.3	44	-0.01
40 TM	Benzene	50.000	54.379	-8.8	49	-0.01
41 T	Methacrylonitrile	50.000	54.971	-9.9	50	0.00
42 TM	1,2-Dichloroethane	50.000	59.637	-19.3	52	-0.01
43 T	Isopropyl Acetate	50.000	52.837	-5.7	51	-0.01
44 TM	Trichloroethene	50.000	55.793	-11.6	51	-0.01
45 C	1,2-Dichloropropane	50.000	50.093	-0.2#	45	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061818\
 Data File : VF059189.D
 Acq On : 18 Jun 2018 21:30
 Operator : VA/AP
 Sample : VSTDCCC050EC
 Misc : 5.00µ/5mL/MSVOA-F/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 19 04:29:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 07 10:52:00 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
46 T	Dibromomethane	50.000	54.465	-8.9	47	0.00
47 T	Bromodichloromethane	50.000	57.458	-14.9	50	-0.01
48 T	Methyl methacrylate	50.000	55.717	-11.4	49	-0.01
49 T	1,4-Dioxane	1000.000	1776.955	-77.7#	72	0.00
50 S	Toluene-d8	50.000	49.980	0.0	42	-0.01
51 T	4-Methyl-2-Pentanone	250.000	283.235	-13.3	54	-0.01
52 CM	Toluene	50.000	49.953	0.1#	45	-0.01
53 T	t-1,3-Dichloropropene	50.000	52.268	-4.5	50	-0.01
54 T	cis-1,3-Dichloropropene	50.000	51.688	-3.4	46	0.00
55 T	1,1,2-Trichloroethane	50.000	51.220	-2.4	45	-0.01
56 T	Ethyl methacrylate	50.000	50.362	-0.7	47	-0.01
57 T	1,3-Dichloropropane	50.000	53.800	-7.6	47	0.00
58 T	2-Chloroethyl Vinyl ether	250.000	265.077	-6.0	50	-0.01
59 T	2-Hexanone	250.000	255.700	-2.3	49	-0.01
60 T	Dibromochloromethane	50.000	54.281	-8.6	48	0.00
61 T	1,2-Dibromoethane	50.000	53.487	-7.0	48	-0.01
62 S	4-Bromofluorobenzene	50.000	48.736	2.5	44	-0.01
63 I	Chlorobenzene-d5	50.000	50.000	0.0	43	0.00
64 T	Tetrachloroethene	50.000	51.343	-2.7	43	0.00
65 PM	Chlorobenzene	50.000	53.607	-7.2	46	-0.01
66 T	1,1,1,2-Tetrachloroethane	50.000	58.007	-16.0	50	-0.01
67 C	Ethyl Benzene	50.000	52.788	-5.6#	44	-0.01
68 T	m/p-Xylenes	100.000	98.972	1.0	46	-0.01
69 T	o-Xylene	50.000	49.167	1.7	42	-0.01
70 T	Styrene	50.000	51.672	-3.3	44	0.00
71 P	Bromoform	50.000	59.494	-19.0	51	-0.01
72 I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	44	-0.01
73 T	Isopropylbenzene	50.000	52.002	-4.0	45	0.00
74 T	N-amyl acetate	50.000	50.353	-0.7	46	0.00
75 P	1,1,2,2-Tetrachloroethane	50.000	51.177	-2.4	47	-0.01
76 T	1,2,3-Trichloropropane	50.000	53.318	-6.6	49	0.00
77 T	Bromobenzene	50.000	53.535	-7.1	47	0.00
78 T	n-propylbenzene	50.000	50.110	-0.2	44	0.00
79 T	2-Chlorotoluene	50.000	50.365	-0.7	45	-0.01
80 T	1,3,5-Trimethylbenzene	50.000	52.760	-5.5	46	-0.01
81 T	trans-1,4-Dichloro-2-butene	50.000	48.219	3.6	45	0.00
82 T	4-Chlorotoluene	50.000	48.899	2.2	44	-0.01
83 T	tert-Butylbenzene	50.000	55.439	-10.9	47	0.00
84 T	1,2,4-Trimethylbenzene	50.000	51.478	-3.0	43	-0.01
85 T	sec-Butylbenzene	50.000	50.867	-1.7	44	0.00
86 T	p-Isopropyltoluene	50.000	54.910	-9.8	46	0.00
87 T	1,3-Dichlorobenzene	50.000	50.266	-0.5	45	0.00
88 T	1,4-Dichlorobenzene	50.000	52.844	-5.7	46	0.00
89 T	n-Butylbenzene	50.000	48.376	3.2	41	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF061818\
Data File : VF059189.D
Acq On : 18 Jun 2018 21:30
Operator : VA/AP
Sample : VSTDCCC050EC
Misc : 5.00µ/5mL/MSVOA-F/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_F
LabSampleId :
VSTDCCC050

Quant Time: Jun 19 04:29:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F060618S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 07 10:52:00 2018
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	Amount	Calc.	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	50.000	52.108	-4.2	45	0.00
91 T	1,2-Dichlorobenzene	50.000	51.114	-2.2	46	0.00
92 T	1,2-Dibromo-3-Chloropropane	50.000	57.113	-14.2	49	0.00
93 T	1,2,4-Trichlorobenzene	50.000	55.465	-10.9	48	-0.01
94 T	Hexachlorobutadiene	50.000	59.587	-19.2	50	0.00
95 T	Naphthalene	50.000	57.290	-14.6	50	-0.01
96 T	1,2,3-Trichlorobenzene	50.000	57.123	-14.2	48	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6